

Fashion, Textiles, and Design

		Level	Common Core & State Science Standards	Common Career Technical Core	Nevada Employability Skills for Career Readiness	National Association of State Administrators of Family and Career Sciences
CONTENT STANDARD 1.0 : Career Exploration						
Performance Standard 1.1 : Analyze the Role of Professional Organizations in Fashion, Textile, and Apparel Industries						
1.1.1	Research historical trends of professional organizations	2	ELA: SL.11-12.4 RST.11-12.7 WHST.11-12.8	AR.VIS.1		16.1.6
1.1.2	Summarize various professional support organizations	1	ELA: WHST.11-12.8		1.2.6	16.1.6
1.1.3	Participate in a professional organization (e.g., FCCLA, DECA, FIDM Fashion Club, etc.)	1			1.2.6	16.1.6
Performance Standard 1.2 : Analyze Opportunities for Employment and Entrepreneurial Endeavors						
1.2.1	Explore career opportunities in fashion, textile, and/or design industries, utilizing technology	1		AR.1; AR.5; AR.6	1.2.7	16.1.3
1.2.2	Develop job descriptions for fashion, textile, and/or design industries	1	ELA: WHST.11-12.7 Math Practice: 2	AR.1; AR.3; AR.5	1.2.7	16.1.1
1.2.3	Analyze the future employment outlook in fashion, textile, and/or design industries	2	ELA: RST.11-12.9		1.2.7	16.1.2
1.2.4	Develop personal professional goals	3			1.2.6	
1.2.5	Perform different jobs or tasks in fashion, textile, and design industries	3	ELA: RST.11-12.3	AR.1; AR.3	1.3.1	16.2.5; 16.3.1; 16.3.3; 16.3.7; 16.4.1; 16.4.3; 16.5.1; 16.5.6; 16.6.3; 16.7.4; 16.7.6
1.2.6	Determine preparation requirements for various levels of employment in a variety of fashion, textile, and/or design industries	3	ELA: RST.11-12.7	AR.1; AR.5	1.2.7	16.1.3
1.2.7	Determine how interests, abilities, personal priorities, and family responsibilities affect career choices	1		AR.3	1.2.7	16.1.1

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1.2.8	Explain the roles and functions of individuals engaged in textile and apparel careers	2			1.2.7	16.1.1
1.2.9	Describe entrepreneurial opportunities in fashion, textile, and/or design industries	3		AR.1; AR.5	1.2.6	16.1.2
1.2.10	Explain the characteristics of a successful entrepreneur	3			1.2.6	16.1.2
1.2.11	Identify the advantages and disadvantages of owning a business	3				16.1.2
1.2.12	Identify the components of a business plan	3				
1.2.13	Research the legal requirements and resources needed for starting a business	3	ELA: RST.11-12.9 WHST.11-12.8	AR.4	1.2.6	16.1.2
1.2.14	Apply the problem-solving process to resolve a business problem	3	ELA: RST.11-12.3		1.1.6	
Performance Standard 1.3 : Summarize Education and Training Requirements for Career Opportunities						
1.3.1	Utilize the internet to research and evaluate postsecondary educational programs	1		AR.5	1.2.6	16.1.3
1.3.2	Participate in college fairs or campus visits, or consult a college recruiter	1		AR.5	1.2.6	16.1.3
1.3.3	Discuss the postsecondary education application and financial aid processes	3	ELA: SL.11-12.1a		1.2.6	16.1.3
Performance Standard 1.4 : Analyze the Effects of Textile and Apparel Occupations on Local, State, National, and Global Economies						
1.4.1	Differentiate between local, state, national, and global economies	1	ELA: RST.11-12.9 WHST.11-12.8 Math Practice 7			16.1.4
1.4.2	Research a period of economic growth or downsizing, and the impact on fashion, textile, and design occupations	3	ELA: RST.11-12.9; WHST.11-12.8	AR.VIS.1	1.2.2	16.3.5
1.4.3	Examine the effects of economics on fashion, textile, and/or design occupations	1	ELA: RST.11-12.9	AR.VIS.1	1.2.6	16.1.4

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1.4.4	Analyze the effects of internet business	2	ELA: RST.11-12.9		1.2.6	16.1.2
1.4.5	Anticipate the future impact of local, state, national, and global economies on fashion, textile, and design occupations	3		AR.VIS.1	1.2.3	16.1.4
Performance Standard 1.5 : Create a Professional Portfolio						
1.5.1	Organize a portfolio for the purpose of obtaining internships, work-based learning opportunities, postsecondary education, and employment	1	ELA: WHST.11-12.4		1.2.7	16.1.5
1.5.2	Compose a letter of intent, a cover letter, a letter of references, and a resume	3	ELA: L.11-12.1; L.11-12.2		1.2.7	16.1.5
1.5.3	Incorporate evidence of skill level in a portfolio	2			1.2.7	16.1.5
1.5.4	Implement aesthetics and professionalism in a portfolio	2			1.2.7	16.1.5
1.5.5	Prepare a digital portfolio	3	ELA: WHST.11-12.6		1.2.7	16.1.5
CONTENT STANDARD 2.0 : Design – Demonstrate Fashion and Costume Design Skills1.2.7						
Performance Standard 2.1 : Utilize Elements and Principles of Designing, Constructing, and/or Altering End Products						
2.1.1	Apply the elements and principles of design	1		AR.VIS.2		16.3.2; 16.3.3; 16.3.6
2.1.2	Recognize and implement complex color schemes and color theory to develop and enhance visual effects	1		AR.VIS.2		16.3.2
2.1.3	Examine ways in which elements and principles of design can affect appearance, theme, and mood	1		AR.VIS.2, AR.VIS.3		16.3.1; 16.3.2
Performance Standard 2.2 : Use Proper Illustration Techniques						
2.2.1	Demonstrate the ability to draw the human figure (i.e., natural, fashion, and character)	2		AR.VIS.3		
2.2.2	Identify a croquis and apply its use	1		AR.VIS.3		

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2.2.3	Demonstrate the proper use of tools and supplies	1		AR.VIS.3	1.3.1	
2.2.4	Recognize and implement a variety of mediums (e.g., markers, colored pencils, paint, etc.)	2		AR.VIS.3		
2.2.5	Describe the sketching and illustration process	2		AR.VIS.3		
2.2.6	Use sketches and illustrations to communicate ideas	2		AR.VIS.3		
Performance Standard 2.3 : Develop Design Inspiration						
2.3.1	Research the history of clothing and fashion	2	ELA: RST.11-12.7 WHST.11-12.8		1.2.2	16.7.6
2.3.2	Follow trends in clothing and fashion	2	Math Practice 8			16.7.6
2.3.3	Differentiate between history, trends, and forecasting, and their applications in design	2	ELA: RST.11-12.9 SL.11-12.4 Math Practice 7	AR.VIS.1		16.7.6
2.3.4	Describe sources of design and inspiration	1	ELA: SL.11-12.1a	AR.VIS.2		16.3.5
2.3.5	Generate a design that reflects ecological, environmental, sociological, psychological, cultural, technical, and economic trends and issues	3	Math Practice 7	AR.VIS.2; AR.VIS.3	1.3.1	16.3.5
Performance Standard 2.4 : Demonstrate Knowledge of Design Skills						
2.4.1	Evaluate a variety of aesthetics and points of view	1	ELA: RST.11-12.7	AR.VIS.3		16.3.3
2.4.2	Develop a personal aesthetic and point of view	1				
2.4.3	Explain the ways in which fabric characteristics affect design	2	ELA: RST.11-12.9 WHST.11-12.4 SL.11-12.4			16.2.4
2.4.4	Create multiple looks with a cohesive vision	3		AR.VIS.3		16.3.4
2.4.5	Demonstrate the ability to use technology for fashion, textile, and apparel design	2		AR.6; AR.VIS.3	1.3.1	16.3.4; 16.3.7; 16.4.4

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2.4.6	Demonstrate the ability to style a look using hair, makeup, accessories, and props	3		AR.VIS.3		16.4.1
Performance Standard 2.5 : Demonstrate Design Presentation Skills						
2.5.1	Apply composition skills to a design presentation	2	ELA: SL.11-12.2	AR.VIS.2		16.1.5
2.5.2	Create samples to communicate the design vision	3	ELA: SL.11-12.2	AR.VIS.3		16.1.5
2.5.3	Incorporate photography in the design presentation	3	ELA: SL.11-12.2	AR.VIS.3	1.3.1	16.1.5
2.5.4	Provide and receive constructive criticism	1	ELA: SL.11-12.3		1.2.3; 1.2.6	
2.5.5	Utilize a portfolio to promote design skills	3	ELA: SL.11-12.4		1.2.7	16.1.5
CONTENT STANDARD 3.0 : Textiles – Analyze Fiber and Fabric Products and Materials						
Performance Standard 3.1 : Evaluate Performance Characteristics of Fibers, Fabrics, and Finishes						
3.1.1	Classify fibers, yarns, and fabrics	1				16.2.1
3.1.2	Utilize a magnifying device to examine the physical properties of fibers, yarns, and fabrics	1			1.3.1	16.2.2
3.1.3	Compare and contrast performance characteristics of fibers, yarns, and fabrics	1	ELA: RST.11-12.9 SL.11-12.1a			16.2.1; 16.3.1
3.1.4	Analyze performance characteristics of fibers, yarns, and fabrics	2	ELA: RST.11-12.9			16.2.1; 16.2.2; 16.3.1
Performance Standard 3.2 : Examine Processes for Creating Fibers, Yarns, and Fabrics						
3.2.1	Compare and contrast natural and synthetic fibers	1	ELA: RST.11-12.9 SL.11-12.1a			16.2.1
3.2.2	Produce a woven, nonwoven, and knitted example	1		AR.VIS.3	1.3.1	16.4.2; 16.4.5
3.2.3	Explain commercial production processes for creating fibers, yarns, woven, and knitted fabrics, and nonwoven textile products	2	ELA: L.11-12.6 RST.11-12.9			16.4.2

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3.2.4	Analyze behaviors that conserve, reuse, and recycle resources to maintain the environment	1	ELA: RST.11-12.9			
3.2.5	Demonstrate the ability to repurpose existing garments and nontraditional materials	2		AR.VIS.3	1.3.1	16.4.5
Performance Standard 3.3 : Analyze the Effects of Textile Characteristics on the Design, Construction, Care, Use, Maintenance, and Preservation of Products						
3.3.1	Comprehend and follow product care labels	1				16.2.5
3.3.2	Select appropriate fabric care products	1				16.2.5; 16.4.3
3.3.3	Demonstrate appropriate fabric care procedures (i.e., stain removal, pressing, and storage)	1	ELA: RST.11-12.3			16.2.5; 16.4.3
3.3.4	Demonstrate the use and care of a washing machine and dryer	1				16.2.5; 16.4.3
3.3.5	Differentiate between wet and dry cleaning methods	1				16.2.5; 16.4.3
3.3.6	Describe the steps in textile preservation and storage	2				16.2.5
Performance Standard 3.4 : Summarize Textile Legislation, Standards, and Labeling						
3.4.1	Utilize the internet to research textile legislation, standards, and labeling	1		AR.4	1.3.2	16.2.3
3.4.2	Describe legislation affecting the textile industry and consumer protection	3	ELA: SL.11-12.1a	AR.4		16.2.3
3.4.3	Analyze legislation, regulations, and public policy affecting the fashion, textile, and apparel industries	3	ELA: RST.11-12.9	AR.4	1.2.3	16.2.3
CONTENT STANDARD 4.0 : Construction – Demonstrate the Skills Needed to Produce, Alter, and Repair Fashion, Textile, Apparel, and Costume Products						
Performance Standard 4.1 : Demonstrate Skills Using Industry-Standard Equipment, Tools, Notions, and Supplies						
4.1.1	Demonstrate the safe use, care, and maintenance of a sewing machine	1	ELA: RST.11-12.3		1.3.1	16.4.1

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4.1.2	Demonstrate the safe use, care, and maintenance of cutting, marking, pattern-making, and measuring tools	1			1.3.1	16.4.1
4.1.3	Demonstrate the safe use, care, and maintenance of pressing, cleaning, and steaming equipment	1	ELA: RST.11-12.3		1.3.1	16.4.1
4.1.4	Demonstrate the safe use, care, and maintenance of a serger and/or overlock machine	2	ELA: RST.11-12.3		1.3.1	16.4.1
4.1.5	Demonstrate the safe use, care, and maintenance of other specialized sewing equipment	2	ELA: RST.11-12.3		1.3.1	16.4.1
4.1.6	Apply notions using appropriate tools and equipment	1	ELA: RST.11-12.3		1.3.1	16.4.1
Performance Standard 4.2 : Demonstrate the Skills Required for Pattern and Fabric Selection and Preparation						
4.2.1	Select patterns for a variety of projects	1				16.4.5
4.2.2	Interpret and apply information found on commercial patterns	1	ELA: RST.11-12.9		1.2.2	16.4.5
4.2.3	Determine yardage requirements for a variety of projects	1	Math Practice: 2 and 6		1.2.2	16.4.5
4.2.4	Select appropriate fabrics and notions for a variety of projects	1			1.2.2	16.4.5
4.2.5	Prewash fabric, press, layout, pin, and cut a pattern, based on fabric characteristics	1				16.4.5
4.2.6	Demonstrate the ability to interpret and transfer pattern markings	1			1.2.2	16.4.5
4.2.7	Demonstrate the ability to alter a pattern for fit	2	Math Practice 6		1.2.3	16.3.4
4.2.8	Demonstrate the ability to draft a pattern	2			1.3.1	16.3.4
4.2.9	Demonstrate the ability to drape on a dress form	3				16.3.4
Performance Standard 4.3 : Demonstrate Skills for Constructing, Altering, and Repairing						
4.3.1	Demonstrate a variety of seams, seam finishes, and hems	1				16.4.5
4.3.2	Demonstrate various machine and hand-stitching techniques	1			1.2.2; 1.3.1	16.4.5

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4.3.3	Demonstrate appropriate pressing techniques	1				16.4.5
4.3.4	Demonstrate the application of various closures	1			1.2.2; 1.3.1	16.4.5
4.3.5	Demonstrate the ability to construct a variety of garment features (e.g., collars, cuffs, pockets, etc.)	2			1.2.2; 1.3.1	16.4.5
4.3.6	Utilize software and/or online tutorials to assist in clothing construction	1		AR.6	1.2.1; 1.2.2; 1.3.1	16.4.4
4.3.7	Demonstrate mending and repairing techniques	1			1.2.3	16.4.5
4.3.8	Construct garments and products for a variety of end uses	1		AR.VIS.3	1.3.1	16.4.5
4.3.9	Demonstrate the ability to alter an existing garment	2	Math Practice 6	AR.VIS.3	1.2.3	16.4.5
4.3.10	Utilize a variety of embellishment techniques	2		AR.VIS.3	1.3.1	16.4.5
CONTENT STANDARD 5.0 : Fashion Merchandising						
Performance Standard 5.1 : Apply Marketing Strategies for Fashion, Textile, and Apparel Products						
5.1.1	Utilize a spreadsheet to determine the costs of manufacturing and merchandising fashion products	3	Math Practice 5 and 6		1.3.1	16.5.2
5.1.2	Identify ethical considerations for the manufacturing and merchandising of fashion products	3	Math Practice 3			16.5.3
5.1.3	Describe the function and importance of quality control	1	ELA: RST.11-12.9 SL.11-12.1a			
5.1.4	Develop an understanding of demographics as related to a target market	1				16.5.1
5.1.5	Analyze basic components of textiles and their relationship to performance	2	RST.11-12.9 WHST.11-12.7			16.2.2
5.1.6	Define marketing, recognize marketing trends, and review marketing strategies for fashion products	2				16.5.1

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Performance Standard 5.2 : Apply Skills and Knowledge in the Retail Industry						
5.2.1	Investigate the day-to-day operations of a retail store	3	ELA: RST.11-12.9			16.7.1; 16.7.2; 16.7.3; 16.7.4; 16.7.5; 16.7.6
5.2.2	Describe various methods of maintaining inventory control	3	ELA: WHST.11-12.8	AR.6		16.7.3
5.2.3	Evaluate the use of technology in the retail environment	3		AR.6	1.3.1	16.5.4
5.2.4	Differentiate between design details in fashion, textile, and apparel products (e.g., sleeves, collars, skirt lengths, etc.)	2				16.3.3
5.2.5	Classify various categories of merchandise (e.g., men's wear, sportswear, petites, etc.)	2				16.5.5
Performance Standard 5.3 : Apply an Understanding of Sourcing and the Merchandise-Buying Process						
5.3.1	Compare and contrast retail and wholesale practices	3	ELA: RST.11-12.7			16.5.4
5.3.2	Describe the importance of the sales report in determining the effectiveness of prior purchases and planning future purchases	3	Math: SMD.B.7			16.5.6
5.3.3	Utilize a spreadsheet to plan purchases	3	Math Practice 5		1.3.1	16.5.6
5.3.4	Investigate the merchandise-buying process	3				
5.3.5	Evaluate a sales report to determine the effectiveness of a prior fashion season	3	Science: N.12.A.1 ELA: RST.11-12.9			16.5.6
5.3.6	Determine the effects of global trade in today's retail environment	3	ELA: RST.11-12.9			16.5.4
5.3.7	Develop a marketing plan	3	ELA: RST.11-12.8			16.5.6
Performance Standard 5.4 : Apply Methods for Promoting Textile and Apparel Products						
5.4.1	Utilize and implement visual merchandising	3		AR.VIS.3		16.5.5
5.4.2	Determine external factors that influence merchandising	3	ELA: RST.11-12.7			16.5.4
5.4.3	Practice methods for promoting textile and apparel products	3				16.5.5

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5.4.4	Analyze ethical considerations for merchandising textile and apparel products	3	ELA: RST.11-12.9 WHST.11-12.8	AR.4	1.1.2	16.5.3
5.4.5	Apply marketing strategies for fashion, textile, or apparel products	3				16.5.1
5.4.6	Forecast possible technological changes that impact the merchandising process	3		AR.6	1.2.3	16.5.6
5.4.7	Compare and contrast various promotion strategies for fashion products	2	ELA: RST.11-12.9 WHST.11-12.8			16.5.5
Performance Standard 5.5 : Implement Research Methods, Including Forecasting Techniques, for Marketing Textile and Apparel Products						
5.5.1	Forecast technological changes that impact the merchandising process (e.g., e-tailing, blogs, catalogues, etc.)	2		AR.6	1.2.3	16.5.4
5.5.2	Describe personal clothing needs and wants (i.e., wardrobe planning)	1				16.5.5
5.5.3	Differentiate between physical, social, and psychological needs	1				16.5.1; 16.5.3
5.5.4	Describe cultural, political, social, and economic factors that influence clothing choices	1	ELA: RST.11-12.8 SL.11-12.1a			16.5.1
5.5.5	Describe the stages in the fashion cycle	1				16.3.5
5.5.6	Differentiate between a classic and a fad	1				16.3.5
5.5.7	Describe the evolution of fashion through history	2	ELA: RST.11-12.9			16.3.5
5.5.8	List influential designers throughout history	2				
5.5.9	Research and forecast trends in apparel marketing	3	ELA: RST.11-12.9			
Performance Standard 5.6 : Evaluate the Components of Customer Service						
5.6.1	Distinguish factors that contribute to quality customer relations	2			1.2.10	16.6.1
5.6.2	Analyze the influences of cultural diversity as a factor in customer relations	2	ELA: RST.11-12.9		1.1.5	16.6.2
5.6.3	Compare and contrast skill levels of quality customer service	2			1.2.10	16.6.3

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5.6.4	Create solutions to address customer concerns (i.e., returns, exchanges, etc.)	2			1.2.10	16.6.4
5.6.5	Investigate factors that influence consumer choices in purchasing decisions	2	ELA: RST.11-12.9			16.5.1; 16.5.3; 16.5.5
Performance Standard 5.7 : Demonstrate General Operational Procedures Required for Business Profitability and Career Success						
5.7.1	Analyze legislation, regulations, and public policy affecting fashion, textile, and apparel industries	3	ELA: RST.11-12.9 SL.11-12.1a	AR.2; AR.4	1.2.2	16.7.1
5.7.2	Analyze personal and employer responsibilities and liabilities regarding industry-related safety, security, and environmental factors	3	ELA: RST.11-12.9 SL.11-12.1a	AR.2; AR.4	1.1.2	16.7.2
5.7.3	Analyze the effects of security and inventory control strategies, cash and credit transaction methods, laws, and worksite policies, on loss prevention and store profit	3	ELA: RST.11-12.9 SL.11-12.1a	AR.2	1.3.3	16.7.3
5.7.4	Demonstrate procedures for reporting and handling accidents, safety, and security incidents	2	ELA: RST.11-12.3	AR.2; AR.4	1.1.2	16.7.4
5.7.5	Analyze operational costs such as markups, markdowns, cash flow, and other factors affecting profit	3	ELA: RST.11-12.9 Math Practice: 2		1.2.9	16.7.5
5.7.6	Debate the ethics involved in the manufacturing and merchandising of fashion products	3	ELA: SL.11-12.1a SL.11-12.1b SL.11-12.1d Math Practice 3	AR.4		16.5.3
5.7.7	Estimate costs involved in the manufacturing and merchandising of fashion products	3	Math Practice: 2		1.2.9	16.5.5
5.7.8	Participate in tours of clothing manufacturers and merchandising facilities	3			1.2.6	16.1.1